

Water-Data Report CA-2005

11313477 LOWER BLUE LAKE OUTLET NEAR MARKLEEVILLE, CA

San Joaquin River Basin

LOCATION.--Lat 38°36'24", long 119°55'31" referenced to North American Datum of 1927, in SW ¼ NE ¼ sec.30, T.9 N., R.19 E., Alpine County, Hydrologic Unit 18040012, in Eldorado National Forest, on left bank, 800 ft downstream from Lower Blue Lake Dam, and 10.0 mi southwest of Markleeville.

DRAINAGE AREA.--4.66 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1987 to current year. Unpublished records for water years 1981-87 available in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder and V-notch sharp-crested weir. Elevation of gage is 7,870 ft above NGVD of 1929, from topographic map. Prior to October 1987, nonrecording gage at same site and datum.

REMARKS.--Records not computed for winter months or above 70 ft³/s. Low and medium flow regulated by Lower Blue Lake (capacity, 5,100 acre-ft) 800 ft upstream. See schematic diagram of Mokelumne River Basin.

COOPERATION.--Records were collected by Pacific Gas and Electric Co., under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 137.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.7	14	23	---	---	---	---	8.5	38	66	53	27
2	6.7	21	23	---	---	---	---	8.2	43	58	52	6.9
3	6.7	21	23	---	---	---	---	7.9	48	48	52	6.9
4	7.0	21	23	---	---	---	---	7.6	52	48	51	6.9
5	7.2	21	23	---	---	---	---	7.2	54	49	51	6.9
6	7.1	21	23	---	---	---	---	7.2	50	49	50	6.2
7	7.1	21	23	---	---	---	---	7.2	42	58	49	5.6
8	7.1	21	23	---	---	---	---	7.3	38	41	48	5.7
9	7.1	20	23	---	---	---	---	7.3	39	13	47	5.5
10	7.1	20	22	---	---	---	---	7.3	39	7.9	51	5.5
11	7.0	20	21	---	---	---	---	7.3	40	7.9	55	5.5
12	6.9	20	21	---	---	---	---	7.4	42	7.9	53	5.6
13	6.9	20	21	---	---	---	---	7.5	44	7.9	52	6.0
14	6.9	20	20	---	---	---	---	7.7	39	30	51	6.1
15	6.9	20	---	---	---	---	---	8.0	31	54	51	6.3
16	6.9	20	---	---	---	---	---	9.1	31	53	49	6.3
17	7.0	20	---	---	---	---	---	8.3	30	53	51	6.2
18	7.1	20	---	---	---	---	---	9.2	29	52	53	6.3
19	7.0	20	---	---	---	---	---	9.2	29	53	52	6.2
20	7.1	21	---	---	---	---	---	9.6	29	53	50	6.2
21	6.9	21	---	---	---	---	---	9.4	29	53	49	6.2
22	6.9	22	---	---	---	---	---	9.5	29	53	51	6.3
23	6.9	23	---	---	---	---	---	9.7	34	52	52	6.3
24	6.9	23	---	---	---	---	---	9.8	---	52	50	6.9
25	6.9	23	---	---	---	---	---	10	---	51	48	7.5
26	6.9	23	---	---	---	---	---	26	---	51	53	6.5
27	6.9	23	---	---	---	---	---	36	68	53	54	5.9
28	6.9	23	---	---	---	---	---	36	66	55	51	6.0
29	6.9	23	---	---	---	---	---	36	67	54	47	6.0
30	6.9	23	---	---	---	---	---	36	67	54	48	6.0
31	6.9	---	---	---	---	---	---	37	---	53	48	---
Total	215.4	629	---	---	---	---	---	414.4	---	1,390.6	1,572	207.4
Mean	6.95	21.0	---	---	---	---	---	13.4	---	44.9	50.7	6.91
Max	7.2	23	---	---	---	---	---	37	---	66	55	27
Min	6.7	14	---	---	---	---	---	7.2	---	7.9	47	5.5
Ac-ft	427	1,250	---	---	---	---	---	822	---	2,760	3,120	411

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